WILFLEX ® POLYWHITE ™ #11117HT

DESCRIPTION

Wilflex PolyWhite is a plastisol ink specifically formulated to address dye migration problems on a variety of specialty substrates.

PRINTER'S PARAMETERS

Substrates	100% cotton, cotton blends, 100% polyester
Bleed resistance	Excellent
Mesh	60-130 threads/in (24-51 threads/cm)
Tension (newtons)	15-20 acceptable, 25-35 recommended
Stencil emulsion	Direct, indirect & capillary
Squeegee type	60-80 durometer, straight edge
Squeegee blade	Hard, square
Squeegee angle	Low angle
Squeegee speed	Hard flood, slow speed
Gel temp	200 F (94 C)
Cure temp	320 F (160 C) entire film
Extender	None
Reducer	None
Storage	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
Wash-up	Wilflex Screen Wash
Health & Safety data	Available upon request

FEATURES

- Works well on heavy, colored aprons, dark athletic meshes & caps with heavy dye loads.
- Use as a first-down, underbase flash white or an overprint stand-alone white.
- Excellent bleed resistance, odorless
- High opacity, good coverage

SPECIAL RECOMMENDATIONS

- To optimize bleed resistance, set the dryer belt at the highest possible speed while still ensuring that the ink film reaches 320 F. This ensures that the ink's heat exposure is minimal.
- Suggestions for automatic printing of PolyWhite: First print 130 mesh screen -- flash -- second print 86 mesh screen.
- On rare occasions, dye migration may occur. To determine a material's bleed potential, please reference the testing procedures outlined in the Wilflex User's Manual.
- Use consistent, high tensioned screen mesh to optimize performance properties.
- To increase production speeds, use finer mesh counts for the flash plate to decrease gel time. Set flash dwell times on heated pallets to simulate production. Adjust your settings so that the ink is just dry to the touch.
- Avoid overflashing, as it can result in poor inter-coat adhesion of overprint colors.
- Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion, unacceptable durability, and increased likelihood of dye migration. Testing procedures for plastisol fusion are outlined in the Wilflex User's Manual.
- Stir plastisols prior to printing.
- Do not dry clean, bleach, iron the printed area.
- Any application not referenced in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Dept. before printing (US - 800-735-4353).

Not all PolyOne products are available in every country. The information in this publication is based on information and experience believed reliable. Since many factors may affect processing for an application, processors must carry out their own tests and experiments to confirm suitability for intended use. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product. Effective Date: 02/22/2001

PolyOne Corporation
8155 Cobb Center Drive
Kennesaw, GA 30152
Tel: 800-326-0226; 770-590-3500
Fax: 678-290-2749

Unit 12, Orbital One
Green St. Green Rd.
Dartford, Kent DA1 1QG UK
Tel: (+44) 01322 277778

77 Parkhurst Dr, Knoxfield 3180
Victoria, Australia
Tel: (+61) 3 9887 1522

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